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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/731,993
				Filing Date	December 9, 2003
				First Named Inventor	Adams, Joseph S.
				Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	90959.000012

## U.S. PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
HA		US-4,043,248		08-23-1977	Bulman et al.	
HA		US-4,377,991		03-29-1983	Liesse	
HA		US-4,665,868		05-19-1987	Adams	
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HA		US-5,125,320		06-30-1992	Zielinski	
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## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	Hester A.	Date Considered	12/16/04
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds of Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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*(use as many sheets as necessary)*

Sheet

2

of

3

## Application Number

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Filing Date

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Adams, Joseph S.
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Art Unit

Examiner Name

Attorney Docket Number

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**Examiner  
Signature**

Hyder A.

Date  
Considered

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